



## AmbiSecure One Pass USB Key

### Introduction

The AmbiSecure One Pass USB Key is a hardware-based authentication solution that is FIDO2 standard compliant. The Key is used to provide a simple and highly secure sign-in feature to any online server supporting FIDO authentication algorithm and enables compliance requirements for strong authentication. Now that passwords are fast becoming obsolete and your privacy, as well as the security of your digital profile, is very often compromised it is necessary to up the ante with hardware security.

### Technical Specifications

<b>Supported Operating Systems</b>	Windows, Linux, macOS, iOS, Android
<b>USB Type</b>	USB - C
<b>NFC-enabled</b>	Yes
<b>Authentication Methods</b>	Passwordless, Strong Two Factor Authentication
<b>Identity &amp; Access Management</b>	GlobalPlatform 2.3.1, Java Card™ 3.0.5
<b>Interface</b>	ISO/IEC 7816
<b>Design &amp; Durability</b>	Rugged enclosure, No batteries required, No moving parts
<b>Function</b>	FIDO2, U2F
<b>Certifications</b>	FIDO2 Certification
<b>Device Type</b>	USB HID Device
<b>Single Sign ON</b>	Supported (Currently under development)





# AmbiSecure One Pass USB Key

## Features



### Easy to Use

No battery or network connectivity required, users simply insert and tap to authenticate.



### Touch-to-Sign

Establish user presence, and prevent remote takeovers, with a simple touch on the AmbiSecure



### Security

AmbiSecure Key provides the user a secure authentication.



### Efficient

Reduce password reset or account lockout queries.



### Compatible

AmbiSecure Key fits into any standard USB port.



### Portable

Fit AmbiSecure Key on a keyring and carry without any worry.

## Application



The AmbiSecure FIDO product is a hardware authentication solution that is FIDO Alliance certified. It helps organizations accelerate to a password-less future by providing support for the FIDO2 protocol.



### PIV

The AmbiSecure ONE Pass USB Key is compatible with the PIV card interface, and are also fully interoperable with the Windows and Mac OS thus avoiding the need for a complex and expensive PIV management system.



### Secure Storage

AmbiSecure Secure Storage Applet provides the user the ease to store any kind of text for over 200 records inside the secure element that can be retrieved only after authorization of the Biometrics and/or PIN of the owner of the data



### Open PGP

The AmbiSecure ONE Pass USB Key can serve key-based encryption method used to encrypt files so that only their intended recipient can receive and decrypt them



### IoT Security

The AmbiSecure ONE Pass USB key, solution provides features like Set/Get Master Key, Generate Key Pair, Sign data etc. and some other proprietary implementations for specific use cases.



### Certificate Storage

AmbiSecure Certificate Storage provides facility to store any PEM or PFX certificate within a secure element for various use cases where secure storage of certificates is required

